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**DISPLAY LIQUID FOR ELECTROPHORETIC DISPLAY AND ELECTROPHORETIC  
DISPLAY FORMED BY USING THE DISPLAY LIQUID**

HITACHI CHEM CO LTD

**Inventor(s):** ; MATSUOKA HIROSHI ; YAMAGUCHI MASANORI ; TAKAHASHI SACHIKO ;  
SUZUKI KAZUKO

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**Abstract:** PURPOSE: To prolong the life of a display liquid by consisting the display liquid of fine titanium dioxide particles coated with a silicone resin on the surface and a dispersion medium which is different in color from the color of the fine titanium dioxide particles.

**CONSTITUTION:** The display liquid for the electrophoretic display is constituted of the fine titanium dioxide particles 3 coated with the silicone resin on the surface and the dispersion medium 6 which is different in color from the color of the fine titanium dioxide particles 3. Namely, the fine titanium dioxide particles 3 coated with the silicone resin on the surface are formed by suspending the fine titanium dioxide particles in a liquid phase, mixing alkyl alkoxy silan with this suspension, and sticking the silicone resin onto the surface of the fine titanium dioxide particles by hydrolysis and condensation reaction. The life of the electrophoretic display which is low in electric consumption and allows the formation to larger sizes is prolonged in this way.

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